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Docket No.: 6727/0I307US0

RECEIVED

Technology Center 2100 IN THE UNITED STATES PATENT AND TRADEMARK OFF

In re application of:

Emek, Roy et al.

Serial No.:

09/788,152

Filed:

February 16, 2001

Får:

HYPER-ARC CONSISTENCY IN CONSTRAINT SATISFACTION

**NETWORK** 

March 27, 2001

## INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:

(Check one of the boxes A-D)

[X] A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

[] B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.

[] C. after (A) and (B) above, but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

[] i. Counsel states that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than

three months prior to the filing of this IDS.

[] ii.11. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.

[] D. after (A), (B) and (C) above, but before payment of the issue fee: Counsel states that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

[] i. A check for the fee set forth in 1.17 (p), presently believed to be \$180, is enclosed.

2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

| [] A. Document(s) _                | is (are) deemed substantially                       |
|------------------------------------|---|
| cumulative to document(s)          | _ , and, in accordance with 1.98(c), only a copy of |
| each of the latter documents is ex | nclosed   |

[] B. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120: [SERIAL NO. & FILING DATE].

Applicant Identifies these documents by attaching hereto copies of the forms PTO-892 and PTO- 1449 from the files of the prior application(s) or a fresh PTO- 1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

| [] 3. Docum       | nent(s) are not in the English language. In                        |
|-------------------|--|
| accordance with 1 | .98(c), Applicant states:  |
| []                | An English translation of each document (or of the pertinent       |
|                   | portions thereof), or a copy of each corresponding English-        |
|                   | language patent or application is enclosed.                        |
| []                | A concise explanation of the relevance of document(s) is           |
|                   | found in the attached search report (see MPEP § 609 A(3)x).        |
| []                | A concise explanation of the relevance of document(s)              |
|                   | is set forth as follows: [Insert concise explanation of relevance] |
| i)                | A concise explanation of the relevance of document(s) can          |
|                   | be found on page(s) of the specification.                          |

[]

A concise explanation of document(s) \_\_\_\_ can be found on the

attached sheet.

[] 4. No explanation of relevance is necessary for documents in the English

language (see MPEP § 609 A(3)).

[] 5. Other information being provided for the examiner's consideration follows:

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should

not be construed as a representation that a search has been made or that information

cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that

any cited document listed or attached is (or constitutes) prior art. Unless other-wise

indicated, the date of publication indicated for an item is taken from the face of' the

item and Applicant reserves the right to prove that the date of publication is in fact

different.

CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS

Pursuant to 37 C.F.R. § 1.79, Applicant notes that the above-identified patent

application may be related to the following U.S. Patent Applications:

(1) U.S. Patent Application Serial No \_\_\_\_\_, filed \_\_\_\_\_.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

John C. Todard

Registration No. 36, 036 Attorney for Applicant(s)

DARBY & DARBY P.C. 805 Third Avenue New York, N.Y. 10022 (212) 527-7700

| FORM PTO-1449 (Colb)  MAR 2 7 2001  LIST OF ATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION DISCLOSURE STATEMENT |            |   | ATTY DOCKET NO. SERIAL NUMBER 6727/0I307US0 09/788 152   |   |                     |                 |                       |
|--|------------|---|--|---|---------------------|-----------------|-----------------------|
|  |            |   | 0727/01307030  | 09/7  | 09/788,152          |                 |                       |
|  |            |   | APPLICANT Roy EMEK et al.  FILING DATE February 16, 2001  February 16, 2001  FILING DATE February 16, 2001 |   |                     | /FD             |                       |
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|  |            |   |  | U.S. PATENT DOCUMENTS                                   |                     | o outel         | 2100                  |
| Examiner's<br>Initials   |            | DOCUMENT NO.  | DATE   | NAME  | CLASS               | SUB             | FILING<br>DATE        |
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|  | AI         | Offutt, A.J., "An Integrated Automatic Test Data Generation System", Journal of Systems Integration, vol. 1, no. 3, November 1991, pp. 391-409, Kluwer Academic Publishers. |  |   |                     |                 |                       |
|  | AJ         | Van Beek, P. et al., "On the Minimality and Global Consistency of Row-Convex Constraint Networks", <i>Journal of ACM</i> , vol. 42, pp. 543-561, 1995.                      |  |   |                     |                 |                       |
| EXAMINER:  |            |   | DAT  | TE CONSIDERED:  |                     |                 |                       |
|  | line throu | reference considere<br>ugh citation if not in<br>munication to appli  | n conformar  | or not citation is in conformace and not considered. In | nance with M        | MPEP 66 of this | 09; Draw<br>form with |

| TPE  |   |  | <u> </u>                         |  |                                       |                | =                     |  |
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| Examiner's<br>Initials   |   | DOCUMENT NO.   | DATE                             | NAME   | CLASS                                 | SUB            | FILING<br>DATE        |  |
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|  | AB  |  |                                  |  |                                       |                |                       |  |
|  |   |  | F                                | FOREIGN PATENT DOCUMEN                                   | TS                                    |                | <u> </u>              |  |
|  |   | DOCUMENT NO.   | DATE                             | COUNTRY  | CLASS                                 | SUB            | TRANS-<br>LATION      |  |
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| EXAMINER:  |   |  | DA                               | TE CONSIDERED:   |                                       |                |                       |  |
|  | line throu  | reference considere<br>agh citation if not in<br>munication to appli   | n conforma                       | or not citation is in conformance and not considered. In | nance with I                          | MPEP 6 of this | 09; Draw<br>form with |  |